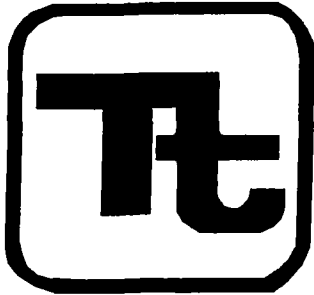


Tetra Tech EM Inc.



To: Karla Auker Date: 4/4/02
Company: U.S. EPA Pages: 4
From: Joe Biaglow Fax:
Re: Sam Weiner
☐ Urgent ☐ For Review ☒ Please Comment ☐ Please Reply ☐ Please Recycle



Dear Karla - please find
attached the letter from
Summit County disapproving
of disposal in the Akron
POT.W and my draft
response letter. Call me when you
can and I can explain more. Thanks!

Joe

CLEVELAND

SUMMIT COUNTY, OHIO

JAMES B. MCCARTHY, EXECUTIVE

March 29, 2002

Tetra Tech EM Inc.
6801 Engle Road, Suite G
Middleburg Heights, OH 44130

Attn: Mr. Joseph A. Biaglow, Senior Hydrogeologist

Gentlemen:

The Summit County Department of Environmental Services has carefully reviewed your request to discharge 1,100 gallons of contaminated groundwater collected from the Sam Weiner facility in Springfield Township to the County sanitary sewer system.

According to laboratory data accompanying your request, this water contains chlorinated hydrocarbons, including the following:

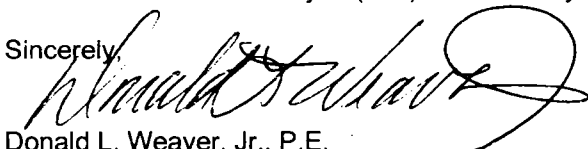
1,1,1-Trichloroethane	9200 µg/l
1,1,2-Trichlorotrifluoroethane	1100 µg/l
1,1-Dichloroethane	1900 µg/l
1,2-Dichlorobenzene	1100 µg/l
1,2-Dichloroethane	500 µg/l
1,4-Dichlorobenzene	130 µg/l

The Department has established that wastewater containing detectable levels of chlorinated hydrocarbons at a detection limit of 5 µg/l cannot be discharged to the County sanitary sewer system. Many chlorinated hydrocarbons do not degrade rapidly enough in aerobic treatment systems to provide adequate treatment and will pass through the system, contaminating receiving waters.

Therefore, the Department must deny Tetra Tech's request to discharge the contaminated groundwater described above. I recommend that you haul this water to an off-site facility that is properly equipped to effectively remove all of its contaminants, including halogenated hydrocarbons, volatile organics and pesticides.

Please contact me directly at (330) 688-7634 if you have any questions.

Sincerely,



Donald L. Weaver, Jr., P.E.
Environmental Engineer 2
Industrial Pretreatment Section

cc: Mr. Robert C. Hollis, P.E. - DOES

DEPARTMENT OF ENVIRONMENTAL SERVICES
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April 4, 2002

Mr. Donald L. Weaver Jr., P.E.
Environmental Engineer 2
Industrial Pretreatment Section
Department of Environmental Services
2910 N. River Road
Stow, Ohio 44224-4724

Subject: Permit to Discharge
City of Akron

Dear Mr. Weaver:

Please let me clarify my request to discharge water to the local POTW. There are two separate waste streams present on Sam Weiner property generated as part of U.S. EPA sampling activities. The first waste stream consists of a 55-gallon drum that contains several hazardous constituents as described in my March 21, 2002 correspondence to Fred Neugebauer. This drum will be disposed off off-site as hazardous waste by a licensed hazardous waste disposal firm. We will provide the manifest for your records.

The second waste stream consists of a tote that contains approximately 1,100 gallons of non-hazardous purge water generated from sampling of four bedrock monitoring wells and associated decontamination of the sampling equipment. The wells were designed to monitor the water quality in the aquifer used locally as a drinking water supply by adjacent residences. The four monitoring wells were analyzed for the following constituents:

- Metals (SW846 6020)
- Nickel (SW846 7470A)
- Semi-volatile organics compounds (SW 846 8270C)
- Pesticides (SW846 8081A)
- PCBs (SW846 8082), and
- Volatile organic compounds (SW846 8260B)

As shown in the attached analytical reports, the analytical results did not indicate the presence of any semi-volatile organic compounds, pesticides, PCB's or volatile organic compounds.

The waste streams were separately contained because historical results from the four deep monitoring wells did not indicate the presence of these constituents. In fact, Mr. Neugebauer indicated that based on the analytical results of the 1,100 gallon tote, the water could be discharged to the ground. I expressed to

Mr. Neugebauer that the U.S. EPA did not want to alarm the residents in the vicinity of the site and therefore preferred the water be taken off-site for disposal at a location that would minimize concern by the local residents. Accordingly, the U.S. EPA felt this could be accomplished most effectively by disposing off-site to the local POTW, preferably at the POTW. Mr. Neugebauer stated that there was no such location at the Akron POTW and suggested we utilize a sanitary sewer basin at the Sam Weiner facility. I indicated that we would need to get clearance from Sam Weiner for this and I faxed him a map showing the facility to assist with identifying a location. We have not yet contacted Sam Weiner for their permission to dispose the water in a basin located on their property, as we were awaiting your approval.

In summary, I apologize for any confusion, and would like to still pursue disposing of the 1,100 gallons of purge water in Akron's POTW. For your information, I have prepared the following table indicating the quantities of water in the tote contributed from each well and the corresponding analytical data reports for each monitoring well. The decontamination water consisted of distilled water, tap water and Alconox detergent.

<u>Monitoring Well I.D.</u>	<u>Total Purge Quantity in Tote (gallons)</u>
MW-1D	356
MW-2D	191
MW-3D	207
MW-4D	205
<u>Decontamination Water</u>	<u>140</u>
Total	1,100

Upon your approval, we anticipate having a contractor vacuum out the tote (approximately 1,100 gallons) and discharging it to a Department of Environmental Services approved sanitary sewer at the Sam Weiner facility. All disposal documentation will be provided to you for your records. If this not acceptable, we will need to make other arrangements.

Please contact me at (440)234-0886 x223 if you have any questions or require additional information.

Sincerely,

Joseph. A. Biaglow
Senior Hydrogeologist

Attachments

cc: Mr. Fred Neugebauer
Ms. Karla Auker, On Site Coordinator, U.S. EPA